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AMERICAN DYNAMICS™

ADC520 Series

BLACK AND WHITE SPECIALTY CAMERAS

ADC520D

ADC523PIR

ADC522WP

ADC521B

The ADC520 Series cameras feature a black and white imager that delivers a sharp picture at a very economical cost.

The ADC520 Series offers cameras in housings different than your typical standard camera.

The ADC520D features a 3.5-inch discreet dome housing that is an attractive alternative to a standard camera.

The ADC521B features a low silhouette tube design that will fit in with most decors.

The ADC522WP is a weather resistant tube design that meets IP57 for weather resistance. The built in IR illumination LEDs allow this camera to produce a picture with 0 lux ambient light. The 12 IR LEDs provide coverage up to 10 meters (30 ft) to deliver a sharp picture while producing no visible light.

The ADC523PIR is a camera mounted in a standard motion detector shell. The camera blends in to the background appearing as a security system device. People are unaware that there is video surveillance in the area.

FEATURES

- 1/3-inch interline black and white imager, EIA format
- 380-line B/W imager
- Sharp picture
- 0.5 lux light sensitivity
- Sensitive to IR illumination
- Discreet housings
- Automatic electronic shutter
- Automatic gain control
- 12 VDC input via included power supply
- ADC522WP includes IR illumination and is weather resistant

Front side – Single sheet – Letter size – print 4/c

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AMERICAN DYNAMICS ADC520 SERIES BLACK AND WHITE SPECIALTY CAMERAS

SPECIFICATIONS

Model Numbers

ADC520D ..... B/W camera in 3.5-inch micro dome with 3.6 mm lens
ADC521B ..... B/W camera in Bullet Housing with 3.6 mm lens and mount
ADC522WP ..... B/W camera in weatherproof Bullet Housing with 4.0 mm lens and IR illuminators and mount
ADC523PIR ..... B/W camera in non-functional PIR detector housing with 3.6 mm lens

Operational

EIA Imager ..... Interline transfer 1/3-inch CCD
Video Output ..... 1.0 Vp-p 75
Active Pixels Count ..... 510 (H), 492 (V)
Minimum Scene Illumination .. 0.5 lux at F2.0
Horizontal Resolution ..... 380 TVL
Light Compensation Modes ... Auto electronic shutter 1/60 to 1/100,000
Synchronization Modes ..... Internal
Geometric Distortion ..... None
S/N Ratio ..... -48 dB

Input Connectors

Input Power ..... 2.1 mm
Composite Video ..... BNC on cable

Electrical

Input Voltage ..... 120VAC @ 60Hz
Power Supply Output ..... 12VDC (±10%)
Power Consumption ..... ADC520D 120 mA
ADC521B 120 mA
ADC522WP 120 mA
ADC523PIR 240 mA

Regulatory

Emissions ..... FCC Part 15, Class B
ICES-003
Safety ..... UL 1585 (power supply only)

Environmental

Operating Temperature ..... -10° to 50° C (14° to 122° F)
Humidity ..... 90% RH (non-condensing)
ADC522WP ..... 100% RH
Storage Temperature ..... -30° to +60° C (-22° to 140° F)

	ADC520D	ADC521B	ADC522WP	ADC523PIR
Dimensions	87 x 57 mm 3.4 x 2.2 in (D x H)	26 x 87 mm 1.02 x 3.4 in (D x L)	65 x 105 mm 2.5 x 4.1 in (D x L)	70 x 110 x 49 mm 2.7 x 4.3 x 1.9 in (W x H x D)
Weight	.18 kg .40 lbs	.30 kg .70 lbs	.55 kg 1.20 lbs	.18 kg .40 lbs
Shipping Weight	.43 kg .90 lbs	.55 kg 1.20 lbs	.80 kg 1.80 lbs	.43 kg .90 lbs
Environmental	Indoor Only	Indoor Only	IP57	Indoor Only

Note: All ADC520 Series cameras ship with a 120 VAC to 12 VDC UL listed power supply with a 6 foot cord. 12 VDC cameras will not line-lock and are not recommended to be used in a matrix switcher environment.

Product specifications and availability subject to change without notice.
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